



Dell Optiplex 745 Ultra Small Form Factor CPU Replacement

Replacing the CPU in your Dell Optiplex 745 (Ultra Small Form Factor)

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INTRODUCTION

Looking to replace your original CPU with faster yet compatible one? Or are you just replacing a faulty one? This guide will walk you through replacing your existing CPU with a newer one.



TOOLS:

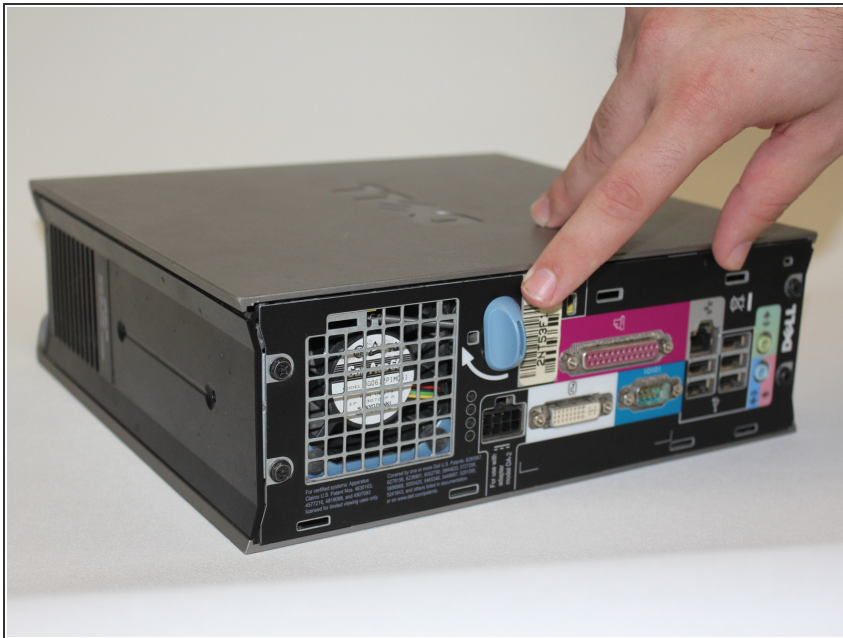
- [Anti-Static Wrist Strap](#) (1)
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Step 1 — Side Panel



- ⚠ Make sure the computer is turned off, by selecting the start menu and choosing “Shut Down”.
- ⚠ Ensure all cables, speakers and other devices are unplugged and turned off before opening the computer case.

Step 2



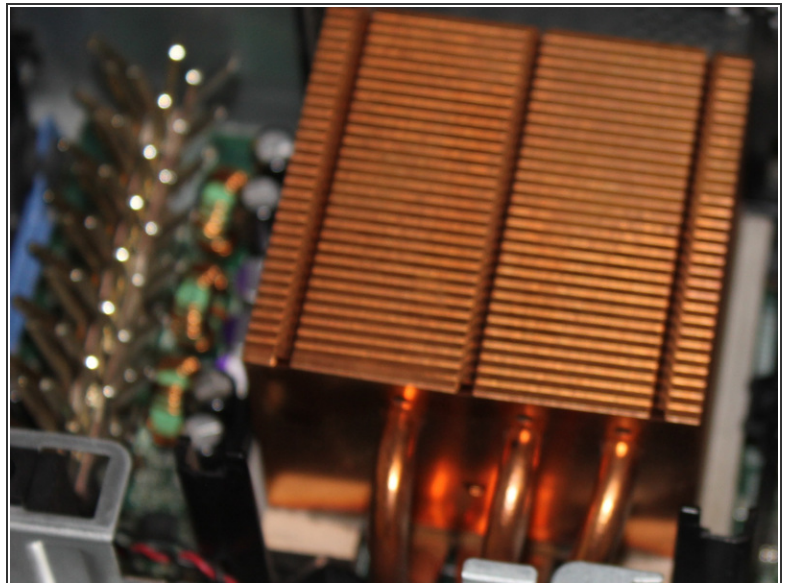
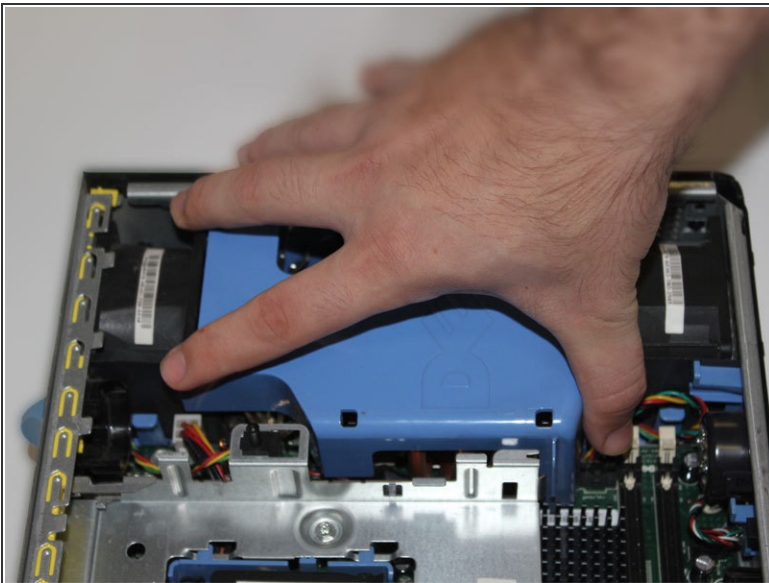
- Lay the computer on its side; you will see a blue knob.
- Turn this knob 90 deg clockwise.

Step 3



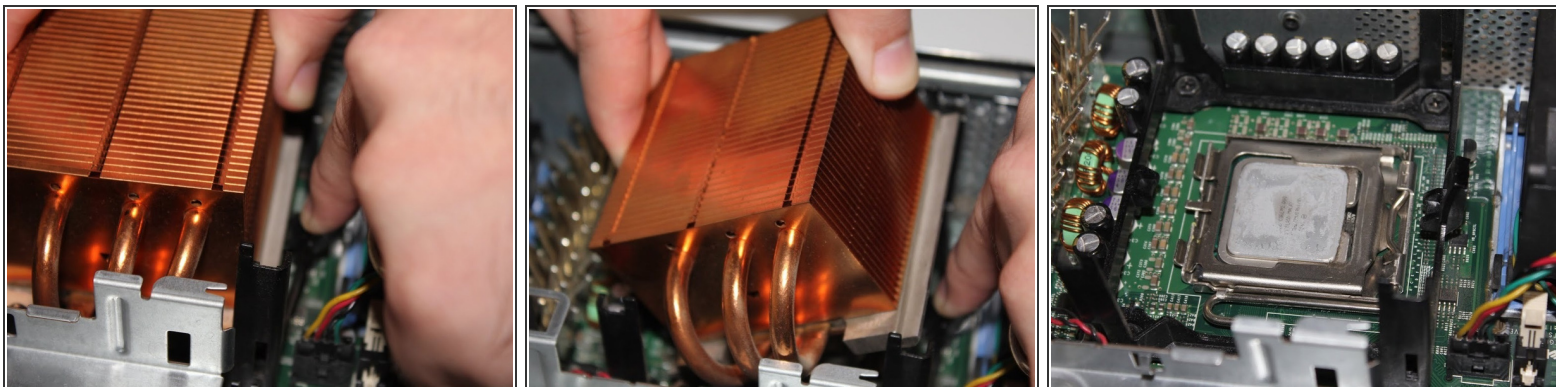
- Slide the panel case forward about 1/2 inch while knob is turned.
- Lift panel case off computer.

Step 4 — CPU Heat Sink



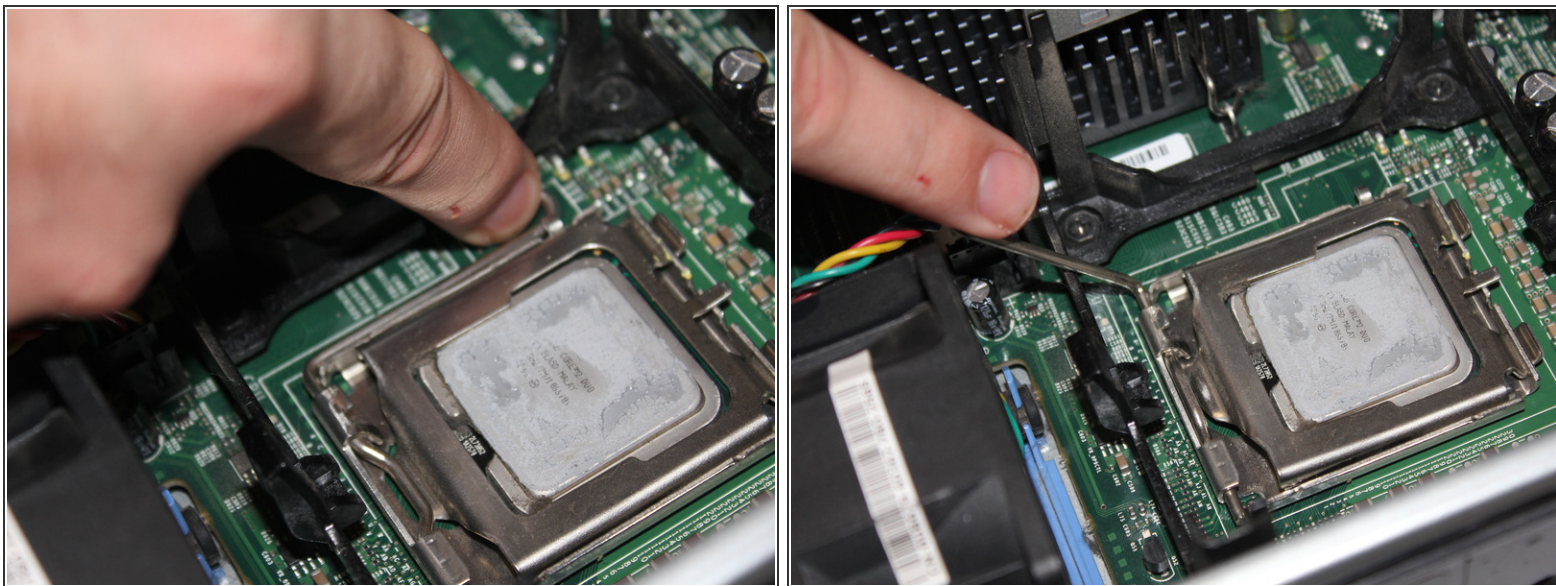
- Remove the blue shield by sliding it straight upwards.

Step 5



- Pull back on the tab nearest to the front case fan.
- Slide the CPU heat sink from under the clip and pull upward.
- ⓘ You may need to twist the CPU heat sink side to side to free it from the thermal paste.

Step 6 — CPU




- ✦ Ground yourself before removing any internal components.
- Push release lever down slightly and away from CPU.

Step 7




- Lift and rotate processor cover off of CPU.


 Processor cover will remain attached.


Step 8



- Using two fingers holding the sides, lift the CPU from the socket.

 Do not touch the underside of the CPU or any of the pins.

 When replacing the CPU, do not use excessive force.

 Ensure to use the alignment-notches on the new CPU, when replacing.

To reassemble your device, follow these instructions in reverse order.

